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Rec'd PCT/PTO

02 MAR 2005

PCT/SB/02 (11-00)

10/526412

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Approved for use through 10/31/2002. OMB 0651-0032

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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

☒ Declaration  
Submitted  
With Initial  
Filing

OR

☐ Declaration  
Submitted after Initial  
Filing (surcharge  
(37 CFR 1.16 (e))  
required)

Attorney Docket Number

PU020417

First Named Inventor

Thomas A. Stahl

**COMPLETE IF KNOWN**

Application Number

/

Filing Date

Group Art Unit

Examiner Name

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**MECHANISM FOR PROVIDING QUALITY OF SERVICE IN A NETWORK  
UTILIZING PRIORITY AND RESERVED BANDWIDTH PROTOCOLS**

the specification of which

(Title of the Invention)

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims as amended specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY) Country	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.
60/407,819	03 September 2002	

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

10/526412

PTO/SB/81 (11-04)

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**POWER OF ATTORNEY  
 and  
 CORRESPONDENCE ADDRESS  
 INDICATION FORM**

Application Number	
Filing Date	
First Named Inventor	Thomas Anthony Stahl et al
Title	Mechanism for Providing Quality of Service
Art Unit	In a Network Utilizing Priority and
Examiner Name	Reserved Bandwidth Protocols
Attorney Docket Number	PU020417

I hereby revoke all previous powers of attorney given in the above-identified application.

I hereby appoint:

☒ Practitioners associated with the Customer Number:

24498

OR

☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☐ The address associated with the above-mentioned Customer Number:

OR

☐ The address associated with Customer Number:

OR

☒ Firm or Individual Name

Thomson Licensing Inc.

Address

Patent Operations, P.O. Box 5312

City

Princeton

State

NJ

Zip

08543-5312

Country

USA

Telephone

609-734-6828

Fax

609-734-6888

I am the:

☐

Applicant/Inventor.

☒

Assignee of record of the entire interest. See 37 CFR 3.71.  
 Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

**SIGNATURE of Applicant or Assignee of Record**

Signature

*Robert D. Shedd*

Date

2/28/05

Name

Robert D. Shedd, Reg. No. 36, 269

Telephone

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Title and Company

Sr. Patent Counsel, Thomson Licensing Inc.

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐

\*Total of \_\_\_\_\_ forms are submitted.

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**POWER OF ATTORNEY  
THOMSON LICENSING S.A.**

We,

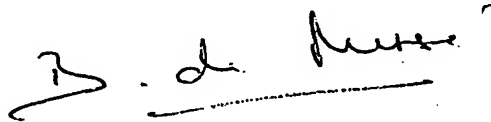
THOMSON Licensing S.A..  
46, Quai A. Le Gallo  
F-92100 Boulogne-Billancourt  
France

do hereby grant

Joseph S. Tripoli  
Senior Vice President  
Thomson Licensing Inc.  
Two Independence Way  
Princeton, New Jersey 08540

a revocable, non-exclusive and delegable power of attorney to act for us (including the signing of requisite documents) in proceedings concerning patents and applications for patents, including international and other multi-country patents and applications for patents, in our name in the Patent Offices in all countries worldwide from March 11, 2003.

DATED this 15 day of March, in the year 2004.



SIGNED

**POWER OF ATTORNEY**  
**THOMSON LICENSING S.A.**

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46, Quai A. Le Gallo  
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France

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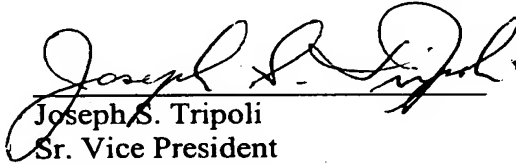
Joseph J. Laks - Vice President  
Irwin M. Krittman - Vice President  
Harvey D. Fried - Manager  
Ronald H. Kurdyla - Manager  
Robert D. Shedd - Manager

*Thomson Licensing Inc.*  
*Two Independence Way*  
*Princeton, New Jersey 08540*

a revocable, non-exclusive and delegable power of attorney to act for us (including the signing of requisite documents) in proceedings concerning patents and applications for patents, including international and other multi-country patents and applications for patents, in our name in the Patent Offices in all countries worldwide from March 11, 2003.

DATED this 17<sup>th</sup> day of March, 2004.

SIGNED

  
Joseph S. Tripoli  
Sr. Vice President  
Thomson Licensing Inc. and  
Attorney In Fact for  
THOMSON Licensing S.A.

WITNESS

David Fournier

**POWER OF ATTORNEY**  
**THOMSON LICENSING S.A.**

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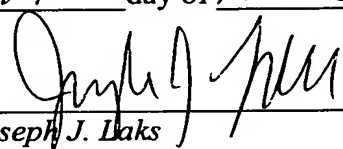
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Paul P. Kiel  
*Sr. Patent Counsel*  
*Thomson Licensing Inc.*  
*Two Independence Way*  
*Princeton, New Jersey 08540*

a revocable, non-exclusive and delegable power of attorney to act for us (including the signing of requisite documents) in proceedings concerning patents and applications for patents, including international and other multi-country patents and applications for patents, in our name in the Patent Offices in all countries worldwide from March 11, 2003.

DATED this 17 day of March, 2004.

SIGNED

  
\_\_\_\_\_  
*Joseph J. Laks*  
*Vice President*  
*Thomson Licensing Inc. and*  
*Attorney In Fact for*  
*THOMSON Licensing S.A.*

WITNESS

  
\_\_\_\_\_

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PTO/SB/01 (10-00)

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## DECLARATION — Utility or Design Patent Application

Direct all correspondence to: ☐ Customer Number or Bar Code Label ☐ OR ☒ Correspondence address below

Name			JOSEPH S. TRIPOLI		
Address			THOMSON LICENSING INC.		
Address			Two Independence Way		
City		State	ZIP		
PRINCETON		NJ	08540		
Country		Telephone	Fax		
USA		609 734 6834	609 734 6888		

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name		Family Name or Surname	
THOMAS ANTHONY		STAHL	
Inventor's Signature		Date	
<i>Thomas Anthony Stahl</i>		9/11/03	
Residence: City	State	Country	Citizenship
INDIANAPOLIS	INDIANA	US	US

Mailing Address			
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City	State	ZIP	Country
INDIANAPOLIS	INDIANA	46256	US

NAME OF SECOND INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name		Family Name or Surname	
IZZAT HEKMAT		IZZAT	
Inventor's Signature		Date	
<i>Izzat Hekmat</i>		9/11/03	
Residence: City	State	Country	Citizenship
CARMEL	IN	US	IRAQ

Mailing Address			
2249-6 EAST STREET			
City	State	ZIP	Country
CARMEL	IN	46033	U.S.A.

☐ Additional inventors are being named on the supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

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**DECLARATION****ADDITIONAL INVENTOR(S)**  
Supplemental Sheet  
Page 1 of 1

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
THOMAS PATRICK		NEWBERRY	
Inventor's Signature <i>Thomas Patrick Newberry</i>		Date 9/18/03	
Residence: City WESTFIELD	State INDIANA	Country US	Citizenship US
Mailing Address			
Mailing Address 19145 TOMLINSON ROAD,			
City WESTFIELD	State INDIANA	ZIP 46260	Country US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country US	Citizenship
Mailing Address			
Mailing Address			
City	State	Zip	Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	Zip	Country

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